

# Technical Data Sheet

## Perma-White® Exterior

A high performance 100% acrylic, all purpose exterior paint. Formulated to provide long term durability to exterior surfaces including timber, UPVC, stucco, brick, stone, concrete and more. It withstands chalking and resists dirt pickup. Zinsser **PERMA-WHITE® Exterior** contains a biocide to protect the dried coating against fungal degradation. Perma-White® passes severe ASTM 5590 and 3273 tests even when subjected to combined strains of mould and mildew spores. Perma-White® produces a tough, durable, washable finish that withstands moisture and resists dirt pickup – key conditions that promote mould and mildew growth on the paint film and eventually cause paint failure- and is backed by a 15 year durability guarantee (see limited warranty). Ideal for Commercial and Industrial jobs as well as Residential use.

### Selection Data-

Generic Type- Latex acrylic resin, water-based, interior finish paint. Available in matt, satin and semi-gloss sheens.

### Performance Characteristics-

- Mould & Mildew-Proof\* paint film guaranteed for 5 years
- Antimicrobial – inhibits the growth of odor causing microbes on the paint film (does not protect against food borne or disease-causing bacteria).
- Self-priming – bonds to glossy and hard-to-paint surfaces
- Easy application properties, high hide, great touch-up
- Durable – washable, moisture resistant finish
- Tintable to a wide variety of colours
- Low odour, fast drying – recoat in 2 hours
- Soap and water cleanup

### Recommended Uses-

For application to interior walls, wall cavities, ceilings, trim, doors, and related paintable surfaces. Ideal for bathrooms, basements, kitchens, laundry rooms, closets, locker rooms, hot tub rooms, enclosed porches and pool areas or any interior where mould and mildew is a concern. Great for institutional or commercial use in schools, hospitals, hotels, nursing homes, restaurants, athletic facilities, etc.

### Colour/Tinting-

**PERMA-WHITE® Exterior** is tintable to pastel and mid-tone colours. Multiple containers of tinted paint should be intermixed (boxed) to ensure colour uniformity.

### Coverage-

Up to 12m<sup>2</sup> per litre on non-porous surfaces. On porous surfaces coverage will be reduced. Normal application is 2

coats, however an additional coat should be applied to areas of high exposure such as sills and fascia boards.

### Application Data

#### Application Requirements-

2 coats are required for proper performance and mould and mildew-resistance.

#### Surfaces-

Recommended for interior use on new or previously painted gypsum drywall, cured plaster, cement, poured concrete and stucco; concrete block; ceramic tile; primed or previously painted wood and metal; vinyl paneling; aluminum; rigid, paintable plastics, laminates, and other paintable surfaces. Perma-White® will adhere to gloss or semi-gloss paints, existing wallcoverings, ceramic tile and similar glossy surfaces without prior sanding. Before applying Perma-White® to bare plaster it must first be sealed with a primer e.g. Bulls Eye® 1-2-3.

#### Damp Surfaces-

Perma-White® may be applied over damp masonry walls but is not designed to stop active water leaks. Use Watertite® Mould and Mildew-Proof□\* Waterproofing Paint for masonry prone to water intrusion. Perma-White® may be used over any quality waterproofing paint to prevent mould and mildew growth on the paint film.

#### Surface Preparation-

Surfaces must be clean, sound and free of dirt, dust, grease, wax, wallcovering adhesive, soap film, loose paint or other surface contamination. Remove all existing mould and mildew before painting, such as with Zinsser Mould Killer & Remover. If you are concerned about mould and mildew behind walls, underneath flooring, in ventilation systems or other unseen areas, contact a professional who specializes in mould and mildew remediation. For commercial buildings and schools follow appropriate guidelines for mould removal. Clean surfaces with a solution of one-cup household bleach per gallon of water or a quality biocidal wash.

#### WARNING!

If you scrape, sand, or remove old paint, you may release lead dust. **Special precautions should be taken during the surface preparation of pre 1960's paint surfaces over wood and metal as they may contain harmful lead. When dry-sanding avoid dust inhalation by wearing a suitable protective face mask.**

#### Stains-

Rust, tannin, grease, mould and mildew and other stains should be blocked with the appropriate stain killing primer sealer such as B-I-N® or Bulls Eye® Virtually Odourless. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc.

#### **Application-**

Shake or stir well before using. Apply with synthetic bristle brush, roller or sprayer. For airless spraying, use a .017" tip and high-medium (2000-2500 PSI) pressure. Apply when air and surface temperatures are between 10°-32°C and humidity is less than 85%. Avoid painting in direct sunlight and maintain a "wet edge" to avoid lapping.

**Dry Time-** At normal temperatures i.e. 21°C, Perma-White® Exterior dries to recoat in 1 hour. Full adhesion and hardness develop in 7 days.

**Cleanup-** Clean up spills and drips with a wet cloth or rag. Wash application tools in warm, soapy water immediately after use. If product has dried on application tool, soak it overnight in a solution of equal parts household ammonia and water. Follow manufacturer's instructions when cleaning spray equipment. Use Zinsser BIN Brush Cleaner to removed dried paint from brushes.

#### **Disposal-**

Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings.

#### **Typical Physical Properties-**

Solids by Weight: 57% (E), 54% (S), 51% (SG)

Solids by Volume: 41% (E), 38% (S), 38% (SG)

Density 1.25kg / litre

Required Number of Coats: Two

Spread Rate: 10m<sup>2</sup> / litre per coat

VOC: Less than 100g / litre

Flashpoint: (Setaflash) >93.3°C

Perm Rating: 4.3 (E), 4.5 (S), 4.5 (SG)

Dry to touch: @ 21°C 30 minutes

Dry to recoat: @ 21°C 2 hours

Cure Time: 7 to 10 days

Gloss / Sheen Levels: 60° 85°

Matt: 5-8% 15-20%

Satin: 18-23% 47-53%

Semi-Gloss: 50-55% 80-85%

Shelf Life: 2 years in unopened containers

Storage / Handling: Store indoors

4° – 26°C

Freeze / thaw stable

#### **Limitations-**

Perma-White® Mould and Mildew-Proof\* Exterior Paint is not intended for application to floors or exterior floors or decks or any surface subject to water immersion or prolonged contact with water.

#### **Precautions-**

Consult product Safety Data Sheet

#### **KEEP OUT OF REACH OF CHILDREN.**

Storage: To prevent product from skinning over close container after each use. Keep lid tightly closed during storage. Protect from freezing. If contents freeze, thaw to room temperature before using.

NOTE: Perma-White® is formulated with a mildewcide approved for paint use and does not contain mercury or

lead compounds.

#### **Warranty-**

Perma-White Mould and Mildew-proof \* Exterior Paint is guaranteed for five years from the date of application to provide protection of the dried paint film from mildew when two coats are applied according to the label directions. In addition, the dried paint film is guaranteed for fifteen years to resist fading, peeling and blistering. The contents are warranted to be free of defects for two years from the date of manufacture. This limited warranty is limited to replacement or refund value of product actually used when supported by proof of purchase. If you have a question, please contact Zinsser (UK) Ltd.

\* Perma-White contains a mildewcide to prevent growth of mould & mildew on the paint film only.